

93-4-4

## PATENT

For: ☒ U.S. and/or ☒ Foreign RightsFor: ☒ U.S. Application or ☐ U.S. PatentBy: ☐ Inventor(s) or ☒ Present Owner

#3

RECEIVED  
MAR 20 1996  
GROUP 2200

## ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

(Inventor(s) or

person(s) or entity(ies)  
who own the invention)

Advanced Research Technologies

(Type or print name(s) of ASSIGNOR(S))

P. O. Box 209D

(Address)

Park Ridge, Illinois 60068U.S.A.

(Nationality)

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on 6-25-93Reel 6602Frame 0700

hereby sells, assigns and transfers to

ASSIGNEE:

Bright Solutions, Inc.

(Type or print name of ASSIGNEE)

P. O. Box 33111

(Address)

Bloomfield Hills, Michigan 48303-3111U.S.A.

(Nationality)

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest☐ an undivided \_\_\_\_\_ percent (\_\_\_\_\_%) interest

for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority.

in and to any and all improvements which are disclosed in the invention entitled:

LEAK DETECTION IN HEATING, VENTILATING AND AIR CONDITIONING SYSTEMSUSING AN ENVIRONMENTALLY SAFE MATERIAL

(Assignment of Invention [16-3]—page 1 of 3)

(59)

REEL 7188 FRAME 910

check and complete (a), (b), (c) or (d).

and which is found in

- (a) ☐ U.S. patent application executed on even date herewith
- (b) ☐ U.S. patent application executed on \_\_\_\_\_
- ☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney, as named in the Declaration and Power of Attorney I executed for this invention on the execution date stated above, to insert below the filing date and application number when it becomes known.
- (c) ☒ U.S. application serial no. 08 / 081,119 filed on June 25, 1993
- (d) ☐ U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_
- ☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (e) if foreign application(s) is also being assigned)

- (e) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

REC 7 1 8 8 MAR 9 1 1

X IN WITNESS WHEREOF, I/We have hereunto set hand and seal this  
10-13-94 (Date of signing).

~~WARNING: Date of signing must be the date of execution of the assignment if the assignor is an individual.~~

James Priest  
 Signature of ASSIGNOR(S)

If ASSIGNOR is a legal entity complete the following information

James Priest

(Type or print the name of the above person  
 authorized to sign on behalf of ASSIGNOR)

Executive Vice President

Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

☐ Notarization or Legalization Page Added.

RECORDED  
 PATENT & TRADEMARK OFFICE

OCT 17 94

REEL 7188 FRAME 912

Attorney's Docket No. 94-7-1-REPATENT # 3

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Richard G. Henry

Application No.: 08 / 519,362 Group No.: 2212

Filed: 8/25/93

For: LEAK DETECTION IN HVAC SYSTEMS USING AN ENVIRONMENTALLY SAFE MATERIAL Examiner: J. David Wiggins

Patent: \_\_\_\_\_

Issue Date: \_\_\_\_\_

Reexamination No.: \_\_\_\_\_

Issue Date: \_\_\_\_\_

Reissue: \_\_\_\_\_

Assistant Commissioner for Patents  
Washington, D.C. 20231RECEIVED  
MAR 20 1996  
GROUP 2200CERTIFICATE UNDER 37 CFR 3.73(b)  
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION

NOTE: 37 CFR 3.73(b) states: "(b) When the assignee of the entire right, title and interest seeks to take action in a matter before the Office with respect to a patent application, trademark application, patent, registration, or reexamination, proceeding, the assignee must establish its ownership of the property to the satisfaction of the Commissioner. Ownership is established by submitting to the Office documentary evidence of a chain of title from the original owner to the assignee or by specifying (e.g., reel and frame number, etc.) where such evidence is recorded in the Office. Documents submitted to establish ownership may be required to be recorded as a condition to permitting the assignee to take action in a matter pending before the Office. In addition, the assignee of a patent application or patent must submit a statement specifying that the evidentiary documents have been reviewed and certifying that, to the best of assignee's knowledge and belief, title is in the assignee to take the action."

## CERTIFICATION 37 CFR 1.0(a) and 1.10

I hereby certify that this correspondence is, on the date shown below, being:

## MAILING

- ☐ deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

37 CFR 1.8(a)

37 CFR 1.10

- ☐ with sufficient postage as first class mail.

- ☐ as "Express Mail Post Office to Addressee"  
Mailing Label No. \_\_\_\_\_

## TRANSMISSION

- ☒ transmitted by facsimile to the Patent and Trademark Office.

Date: 3/20/96

Signature

Robert J. Black

(type or print name of person certifying)

(Certificate under 37 CFR 3.73(b) Establishing Right of Assignee to Take Action [16-18]—page 1 of 4)

NOTE: The PTO points out, in the Notice of June 24, 1992 (1140 O.G. 63-72, at 66), that "[a]dditionally, when a patent assignee is not represented by an attorney or registered agent, a statement by the assignee must also be submitted stating that the evidence has been reviewed and certifying that, to the best of the party's knowledge and belief, title is in the party seeking to take action."

1. The assignee(s) of the entire right, title and interest hereby seek(s) to take action in the PTO in this matter.

RECEIVED  
MAR 20 1996  
GROUP 2200

### IDENTIFICATION OF ASSIGNEE

Bright Solutions, Inc.

Name of assignee

Corporation

Type of assignee, e.g., corporation, partnership, university, government agency, etc.

### PERSON AUTHORIZED TO SIGN

Robert J. Black

3. (Type name of person authorized to sign on behalf of assignee)

Title of person authorized to sign

NOTE: The Notice of April 30, 1993 (1150 O.G. 62-64) points out:

"The statement under 37 CFR 3.73(b) may be signed on behalf of the assignee in the following two manners if the assignee is an organization (e.g., corporation, partnership, university, government agency, etc.).

"(1) The statement may be signed by a person in the organization having apparent authority to sign on behalf of the organization. An officer (president, vice-president, secretary, or treasurer) is presumed to have authority to sign on behalf of the organization. The signature of the chairman of the board of directors is acceptable, but not the signature of an individual director. A person having a title (manager, director, administrator, general counsel) that does not clearly set forth that person as an officer of the assignee is not presumed to be an officer of the assignee or to have authority to sign the statement on behalf of the assignee. A power of attorney from the inventors in an organization to a practitioner to prosecute a patent application does not make the practitioner an official of an assignee or empower the practitioner to sign the statement on behalf of the assignee.

"(2) The statement may be signed by any person, if the statement includes an averment that the person is empowered to sign the statement on behalf of the assignee and, if not signed by a registered practitioner, the statement must be in oath or declaration form. Where a statement does not include such an averment, and the person signing does not hold a position in the organization that would give rise to a presumption that the person is empowered to sign the statement on behalf of the assignee, evidence of the person's authority to sign will be required."

(complete the following, if applicable)

- ☒ I, the person signing below, aver that I am empowered to sign this statement on behalf of the assignee.

### BASIS OF ASSIGNEE'S INTEREST

Ownership by the assignee is established as follows:

A.

1. ☐ An assignment from the inventor(s) of the matter identified above, which was recorded in the PTO at

Reel \_\_\_\_\_, Frame \_\_\_\_\_

2. ☐ An assignment (document) separately being submitted for recordal herewith.

(Certificate under 37 CFR 3.73(b) Establishing Right of Assignee to Take Action [18-16]—page 2 of 4)

AND/OR

B. ☒ A chain of title from the inventor(s) to the current assignee as shown below:

1. From: Richard G. Henry  
Name of Inventor(s)  
To: Bright Solutions, Inc.  
Recorded in PTO: Recd 7163, Frame 0601

2. From: \_\_\_\_\_  
Name of Inventor(s) or assignee  
To: \_\_\_\_\_  
Recorded in PTO: Recd \_\_\_\_\_, Frame \_\_\_\_\_

3. From: \_\_\_\_\_  
Name of Inventor(s) or assignee  
To: \_\_\_\_\_  
Recorded in PTO: Recd \_\_\_\_\_, Frame \_\_\_\_\_

(check item below, and add details, if applicable)

☐ Additional documents in the chain of title are listed in the attached Supplemental Sheet.

## COPIES OF DOCUMENTS IN CHAIN OF TITLE

(complete this item, if copies are being sent)

☒ Copies of the assignment(s) or other document(s) in the chain of title are attached as follows:

<input type="checkbox"/> A	<input type="checkbox"/> 1	<input type="checkbox"/> 2	
<input checked="" type="checkbox"/> B	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3

## DECLARATIONS

I, the undersigned, have reviewed all the documents in the chain of title of the

☐ patent application ☐ patent  
☐ reexamination or ☒ reissue

matter identified above and, to the best of my knowledge and belief, title is in the assignee identified above.

(Certificate under 37 CFR 3.73(b) Establishing Right of Assignee to Take Action [10-10]—page 3 of 4)

I, hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

  
(Signature of authorized person)

Robert J. Black

(Type or print name of authorized person)

Title of authorized person

  
SIGNATURE OF ATTORNEY AGENT

Robert J. Black

(Type or print name of Attorney agent)

1400 Renaissance Drive, Suite 205

P.O. Address

Park Ridge, IL 60068

Reg. No. 24,498

Tel. No. (847) 635-6370



Assignment Document No. 94-7-1 CIP  
 Patent Application  
 Commission of Patents and Trademarks  
 Washington, D.C. 20231

08/312772

PATENT

COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING  
 NEW PATENT APPLICATION (37 CFR 2.21)

IDENTIFICATION OF APPLICATION (37 CFR 2.21  
 and 37 CFR 2.31(b)(4))

1. The patent application filed herewith and to which the attached assignment (document) refers is identified as follows:

a. Date of execution: September 20, 1994

b. Name of each inventor:

1: Richard G. Henry

2:

3:

c. Title of invention: LEAK DETECTION IN HEATING, VENTILATING AND  
 AIR CONDITIONING SYSTEMS USING AN ENVIRONMENTALLY SAFE  
 MATERIAL

NOTE: If an assignment is executed concurrently with, or subsequent to the execution of the patent application, but before the patent application is filed, it must identify the patent application by its date of execution, name of each inventor, and title of the invention so that there can be no mistake as to the patent application intended. 37 CFR 2.21.

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this "Cover Sheet For Assignment (Document) Accompanying New Patent Application", along with any document referred to, is being deposited with the United States Postal Service on this date September 27, 1994 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number B 003 013 41Y addressed to the: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Robert J. Black

(Type or print name of person mailing paper)

(Signature of person mailing paper)

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 CFR 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

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(Cover Sheet For Assignment Accompanying New Patent Application [4.2.3]—page 1 of 4)  
 (60)

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**NAME OF PARTY(IES) CONVEYING INTEREST (37 CFR 3.31(a)(1))**

The party(ies) conveying this interest is (are):

Name 1: Richard G. Henry

Name 2: \_\_\_\_\_

Name 3: \_\_\_\_\_

**NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST  
(37 CFR 3.31(a)(2))**

The rights are being conveyed to:

Name: Bright Solutions, Inc.Address: P. O. Box 33111Bloomfield Hills, MI 48303-3111USA

Telephone No.: (810) 645-1086

**DESCRIPTION OF INTEREST CONVEYED OR  
TRANSACTION RECORDED (37 CFR 3.31(a)(3))**

The accompanying document intends to accomplish:

- ☒ an assignment.  
☐ a security agreement.  
☐ a license.  
☐ a merger.  
☐ a change of name.  
☐ a change of address.  
☐ other.

**NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE  
SHOULD BE MAILED (37 CFR 3.31(a)(5))**

Please address correspondence to:

Name: Robert J. BlackAddress: Carpenter and Black1400 Renaissance Drive - Suite 205Park Ridge, Illinois 60068

Telephone No.: (708) 635-6370

**DATE ASSIGNMENT (DOCUMENT) EXECUTED (37 CFR 3.31(a)(7))**6. The attached assignment (document) was executed on September 20, 1994.

(date)

**LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED**

**NOTE:** "The Office will accept and record non-English language documents only if accompanied by a verified English translation signed by the individual making the translation." 37 CFR 3.22b.

The attached document:

- ☒ is in the English language.  
☐ is not in the English language and a verified English translation signed by the individual making the translation is attached.

**ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED**

**NOTE:** "Either the original document or a true copy of the original document may be submitted for recording. Only one side of each page shall be used. The paper used should be flexible, strong, white, non-shiny, durable, and preferably no larger than 21.6 x 33.1 cm. (8 1/2 x 14 inches) with a 2.5 cm. (one-inch) margin on all sides." 37 CFR 3.24.

7. Submitted herewith is:

- ☒ the original document.  
☐ a true copy of the original document.

**NOTE:** "If the original [assignment] document is two-sided or the wrong size, the practitioner can comply with the requirement [set out in 37 C.F.R. § 3.24] by providing a true copy of the original document using only one side of each page on the correct size paper." Notice of June 24, 1992, 1140 O.G. 63-78, at 67.

**NUMBER OF APPLICATIONS IDENTIFIED IN THIS COVER SHEET AND THE FEE (37 CFR 3.31 (a)(6))**

8. A. This cover sheet identifies only one application:  
 B. The fee for recordal (37 CFR 1.21(n)) is \$40.00.

- ☒ Attached is a check for \$40.00.  
☐ Please charge Account \_\_\_\_\_ \$40.00.

A duplicate of this cover sheet is attached.

**STATEMENT (37 CFR 3.31(a)(9)) AND SIGNATURE (37 CFR 3.31 (a)(10))**

9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: September 27, 1994

Robert J. Black

(Name of party submitting document)

(Signature of party submitting document)

(Cover Sheet For Assignment Accompanying New Patent Application [4-2.3]—page 3 of 4)  
 (60)

REC 7163 18AM 603

(complete the following if the party submitting the document is applicant's attorney)  
Reg. No. 24,498

Tel. No. ( 708 ) 635-6370

  
Signature of Attorney Agent

Robert J. Black

Type or print name of Attorney Agent

Carpenter and Black

P.O. Address

1400 Renaissance Drive - Suite 205  
Park Ridge, Illinois 60068

**TOTAL NUMBER OF PAGES BEING SUBMITTED**

10. The total number of pages being submitted, including cover sheet, attachment(s), and document(s) are:

  
Total number of pages submitted

Pages: 076